

What is Claimed is:

1. A spectacles set, comprising a primary spectacle frame and a detachable shelter frame constructed for mounting in front of said primary spectacle frame;

5        said primary spectacle frame comprising a frame body mounting a pair of lenses in position, wherein said frame body comprises a primary bridge connected between said two lenses, two nose supports extended from two inner sides of said lenses respectively, and two side extensions provided at two outer sides of said lenses for coupling a pair of temples respectively, wherein each of said nose supports comprises a magnetic holder provided thereon and each of said magnetic holders has a magnetic attraction ability;

10        said detachable shelter frame comprising a shelter frame for supporting two auxiliary lenses and a pair of magnetic attaching arrangements extended from said shelter frame wherein each of said magnetic attaching arrangements comprises a supporting arm extending rearwardly from an inner side of the auxiliary lens of said shelter frame towards the respective magnetic holder so as to securely mount said shelter frame in front  
15        of said primary spectacle frame and a magnetic seat which is extended from said supporting arm to magnetically attach said respective magnetic holder of said primary spectacle frame so as to hold said shelter frame on said primary spectacle frame in position.

2. The spectacles set, as recited in claim 1, wherein said supporting arms are  
20        integrally extended from said two inner sides of said shelter frame respectively, wherein the magnetic seats are provided on two outer sides of said supporting arms respectively to magnetically attach said magnetic holders when said shelter frame of said detachable shelter frame in front of said frame body of said primary spectacle frame.

3. The spectacles set, as recited in claim 2, wherein each of said nose  
25        supports comprises a nose supporting member rearwardly extended from said frame body and a nose piece connected to a rear end of said nose supporting member, wherein each of said magnetic holders is provided on said respective nose support at a position between said frame body and said nose supporting member.

4. The spectacles set, as recited in claim 2, wherein each of said magnetic seat comprises a magnetic housing embedded into said outer side of said respective supporting arm and a magnet mounted in said magnetic housing, wherein each said magnetic seat is made of non-magnetic material and is arranged to face toward and align with said respective magnetic holder of said frame body when said detachable shelter frame is mounted in front of said primary spectacle frame.

5. The spectacles set, as recited in claim 3, wherein each of said magnetic seat comprises a magnetic housing embedded into said outer side of said respective supporting arm and a magnet mounted in said magnetic housing, wherein each said magnetic seat is made of non-magnetic material and is arranged to face toward and align with said respective magnetic holder of said frame body when said detachable shelter frame is mounted in front of said primary spectacle frame.

6. The spectacles set, as recited in claim 2, wherein said shelter frame further comprises a clip bridge extended between said two auxiliary lenses for securely clipping on said primary bridge of said frame body when said detachable shelter frame is mounted in front of said primary spectacle frame.

7. The spectacles set, as recited in claim 3, wherein said shelter frame further comprises a clip bridge extended between said two auxiliary lenses for securely clipping on said primary bridge of said frame body when said detachable shelter frame is mounted in front of said primary spectacle frame.

8. The spectacles set, as recited in claim 5, wherein said shelter frame further comprises a clip bridge extended between said two auxiliary lenses for securely clipping on said primary bridge of said frame body when said detachable shelter frame is mounted in front of said primary spectacle frame.

9. The spectacles set, as recited in claim 4, wherein each of said magnets has a thickness smaller than a depth of said respective magnetic housing so as to define an engaging groove therein when said magnet is embedded in said magnetic housing in such a manner that each said magnetic holder is arranged to receive in said respective engaging groove when said magnetic seat is magnetically attached said respective magnetic holder.

10. The spectacles set, as recited in claim 5, wherein each of said magnets has a thickness smaller than a depth of said respective magnetic housing so as to define an engaging groove therein when said magnet is embedded in said magnetic housing in such a manner that each said magnetic holder is arranged to receive in said respective engaging groove when said magnetic seat is magnetically attached said respective magnetic holder.

11. The spectacles set, as recited in claim 8, wherein each of said magnets has a thickness smaller than a depth of said respective magnetic housing so as to define an engaging groove therein when said magnet is embedded in said magnetic housing in such a manner that each said magnetic holder is arranged to receive in said respective engaging groove when said magnetic seat is magnetically attached said respective magnetic holder.

12. The spectacles set, as recited in claim 1, wherein each of said supporting arms has a front end embedded into said respective inner side of said shelter frame and a rear end connected to said respective magnetic seat to magnetically attach to said respective magnetic holder.

13. The spectacles set, as recited in claim 12, wherein each of said nose supports comprises a nose supporting member rearwardly extended from said frame body and a nose piece connected to a rear end of said nose supporting member, wherein each of said magnetic holders is provided on said respective nose support at a position between said nose supporting member and said nose piece.

14. The spectacles set, as recited in claim 13, wherein each of said magnetic seat comprises a magnetic housing rearwardly extended from said respective supporting arm and a magnet mounted in said magnetic housing, wherein each said magnetic seat is made of non-magnetic material and is arranged to face toward and align with said respective magnetic holder of said frame body when said detachable shelter frame is mounted in front of said primary spectacle frame.

15. The spectacles set, as recited in claim 13, wherein said two supporting arms are inwardly extended from said shelter frame of said detachable shelter frame, wherein a distance between said two auxiliary lenses where said two supporting arms

extended is wider than a distance between said magnetic holders of said frame body of said primary spectacle frame.

16. The spectacles set, as recited in claim 14, wherein said two supporting arms are inwardly extended from said shelter frame of said detachable shelter frame,  
5 wherein a distance between said two auxiliary lenses where said two supporting arms extended is wider than a distance between said magnetic holders of said frame body of said primary spectacle frame.

17. The spectacles set, as recited in claim 12, wherein said shelter frame further comprises a clip bridge extended between said two auxiliary lenses for securely  
10 clipping on said primary bridge of said frame body when said detachable shelter frame is mounted in front of said primary spectacle frame.

18. The spectacles set, as recited in claim 14, wherein said shelter frame further comprises a clip bridge extended between said two auxiliary lenses for securely  
15 clipping on said primary bridge of said frame body when said detachable shelter frame is mounted in front of said primary spectacle frame.

19. The spectacles set, as recited in claim 16, wherein said shelter frame further comprises a clip bridge extended between said two auxiliary lenses for securely  
clipping on said primary bridge of said frame body when said detachable shelter frame is  
mounted in front of said primary spectacle frame.